TABLE 2

RATIO CALCULATIONS AND SHUTDOWN SUMMARY
SEPTEMBER 2009
MIDCO I AND II SITES
GARY, INDIANA

Parameter	Units	Midco I Site	Midco II Site	Deep Well Site
HP/UV flow rate[1]	gpm	21 to 37	50.6 to 60	
HP/UV operating lamps	count	2	4	
UV tube cleaning cycle	hours	2.0	3.0	
Hydrogen peroxide feed	ppm	325	120	
pH, inlet to HP/UV unit	pH units	7.3	7.1	
Extraction well flow rates as of 9-30-09				
EW-1	gpm	9.0	8.0	
EW-2	gpm	9.0	7.0	
EW-3	gpm	4.0	8.0	
EW-4	gpm	2.0	5.5	
EW-5	gpm	4.0	N/A	
EW-6	gpm	2.0	9.9	
EW-7	gpm	9.0	2.3	
MW-3D	gpm	OFF	N/A	
MW-5D	gpm	OFF	N/A	
MW-6D	gpm	4.0	N/A	
Extraction well flow rates necessary for capture[2]				
EW-1	gpm	6.4	13.0	
EW-2	gpm	6.4	13.0	
EW-3	gpm	N/A	16.9	
EW-4	gpm	1.0	8.0	
EW-5	gpm	N/A	N/A	
EW-6	gpm	1.7	5.7	
EW-7	gpm	6.4	9.1	
Range of detections from field gas chromatograph				
Methylene chloride	µg/L	Non-detect	N/A	
Vinyl chloride	µg/L	< 2.0	N/A	
Treatment operating flow rate less tube cleaning	gpm	31.4 to 36.3	49.8 to 59.7	
Total treated water volume[3]	gallons	1,134,240	1,360,460	2,494,700
Design average flow rate[4]	gpm	28.0	50.6	78.6
Month duration and operating time for average monthly flow rate calculation	days	30	30	
	minutes	43,200	43,200	
Non-GWETS-related shutdowns (pages 2 & 3)	minutes	0	0	
Annulus & pipeline testing shutdowns	minutes	4,825	4,827	
Operating time for average monthly operating flow rate calculation	minutes	38,375	38,373	
GWETS-related shutdown - scheduled & non-scheduled (see pages 2 and 3)	minutes	346	217	
Operation time excluding all shutdowns	minutes	38,029	38,156	
Average monthly operating flow rate[5]	gpm	29.6	35.5	65.0
% average monthly operating flow rate to design average flow rate	%	105.6%	70.1%	82.7%
Average monthly flow rate[6]	gpm	26.3	31.5	57.7
% average monthly flow rate to design average flow rate	%	93.8%	62.2%	73.5%
Waste materials stored on-site for off-site disposal				
Spent filters	cubic yards	12	10	
Anticipated off-site shipment week of		October 16, 2009	October 5, 2009	
Waste shipments this month		September 2, 2009	None	
Filter cake	cubic yards	N/A	12	
Anticipated off-site shipment week of		N/A	October 5, 2009	
Waste shipments this month		N/A	None	
Other wastes (specify):		None	None	
Anticipated off-site shipment week of		N/A	N/A	
Waste shipments this month		None	None	

Key:
HP/UV = Hydrogen peroxide/ultraviolet light
GWETS = Ground water extraction and treatment system
gpm = Gallons per minute
µg/L = Micrograms per liter
N/A = Not applicable

Notes:
[1] HP/UV flow rate is the process water flow rate that goes through the HP/UV.
[2] Extraction wells EW-3 and EW-5 at the Midco I Site are used for dewatering purposes only.
[3] Total treated water volume is obtained from the site treated water flow totalizer.
[4] Design average flow rate is the model-predicted flow rates of 21.0 or 50.6 gpm, respectively for the Midco I and Midco II Sites. The design average flow rates changed on February 24, 2003 from 24.5 to 50.6 gpm for Midco II. The Midco I design average flow rate varies between 21 and 28 gpm, based on dewatering.
[5] Average monthly operating flow rate is the total treated water volume divided by the operating time excluding all non-GWETS-related shutdowns. This value is different from the HP/UV flow rate because of the flow recycled during the tube cleaning.
[6] Average monthly flow rate is the totalized volume of treated water divided by the number of minutes for that month.